



Waters

Docket No.: 04-MM-09  
(MST 1221)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Robert Harold Bateman and Jeff Brown  
Serial No. To-Be-Determined

Mail Stop: New Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY PATENT (Large Entity)  
NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s): Robert Harold Bateman and Jeff Brown

For (title): MASS SPECTROMETER

1. Cross Referenced To Related Applications. This application claims priority from United Kingdom patent applications GB-0305541.5, filed 11 March 2003, GB-0323461.4, filed 7 October 2003 and U.S. Provisional Application 60/453,518, filed 12 March 2003. The contents of these applications are incorporated herein by reference.

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**CERTIFICATION UNDER 37 C.F.R. 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as papers enclosed therein are being deposited with the United States Postal Service on this 10 of March 2004, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL908622898US, addressed to the: Mail Stop:  
Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia  
22313-1450.

By: Richard Hart  
Print Name: Richard Hart

# Waters

Docket No.: 04-MM-09  
(MST 1221)

## 2. Papers Enclosed:

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153

58 Pages of specification  
17 Pages of claims  
1 Abstract sheet  
11 Drawing sheets – Fig. 1 – Fig. 9C  
87 Total

## 3. Fee Calculation (37 C.F.R. 1.16 ) utility application

### CLAIMS AS FILED

| Number of Claims   | Rate     | Basic Fee                  |
|--|----------|----------------------------|
|  |          | 37 C.F.R. 1.16(a) \$770.00 |
| Total: 83 claims   |          |                            |
| Claims (37 CFR 1.16(c) 83 -20 = 63 ×                       | \$ 18.00 | 1134.00                    |
| Independent: 12 claims                                     |          |                            |
| Claims (37 CFR 1.16(b) ) 4 -3 = 01 ×                       | \$ 86.00 | 86.00                      |
| Multiple dependent claim(s),<br>if any (37 CFR 1.16(d) ) + | \$290.00 | 0                          |
|  |          | \$ 1220.00                 |

### Payment of Fees:

Claim fee \$ 1220.00  
Filing fee \$ 770.00  
TOTAL \$1990.00

5. Method of Payment of Fees: Please charge account no. 23-0503 in the amount of \$ 1990.00. In the event, Applicant is mistaken as to the calculation of fees, Applicant authorizes the Commissioner to charge any additional fees to Account No. 23-0503.

A duplicate of this transmittal is attached.

6. Correspondence: Correspondence should be sent to Anthony J. Janiuk, Esq., Waters Corporation, Legal Department, 34 Maple Street, Milford, Massachusetts 01757, USA.

3/10/2004  
Tel. (508) 482-2549  
Fax. (508) 482-2320

Respectfully submitted,

Anthony J. Janiuk, Esq.  
Reg. No. 29,809

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**1990.00****Complete if Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | To be assigned        |
| Filing Date          | March, 2004           |
| First Named Inventor | Robert Harold Bateman |
| Examiner Name        | To be assigned        |
| Art Unit             |                       |
| Attorney Docket No.  | 04-M-09 (MST 1221)    |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

23-0503

Waters Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description        | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 1001 770                      | 2001 385                      | Utility filing fee     |          |
| 1002 340                      | 2002 170                      | Design filing fee      |          |
| 1003 530                      | 2003 265                      | Plant filing fee       |          |
| 1004 770                      | 2004 385                      | Reissue filing fee     |          |
| 1005 160                      | 2005 80                       | Provisional filing fee |          |

SUBTOTAL (1) (\$)**770.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid        |
|--------------------|--------------|----------------|-----------------|
| 83                 | -20** = 63   | X 18.00        | = 1134.00       |
| Independent Claims | 4            | -3** = 1       | X 86.00 = 86.00 |
| Multiple Dependent |              |                |                 |

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  |
|-------------------------------|-------------------------------|--|
| 1202 18                       | 2202 9                        | Claims in excess of 20                                     |
| 1201 86                       | 2201 43                       | Independent claims in excess of 3                          |
| 1203 290                      | 2203 145                      | Multiple dependent claim, if not paid                      |
| 1204 86                       | 2204 43                       | ** Reissue independent claims over original patent         |
| 1205 18                       | 2205 9                        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**1220.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130      | 2051 65       | Surcharge - late filing fee or oath  |          |
| 1052 50       | 2052 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130      | 1053 130      | Non-English specification  |          |
| 1812 2,520    | 1812 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804 920*     | 1804 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*   | 1805 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251 110      | 2251 55       | Extension for reply within first month                                     |          |
| 1252 420      | 2252 210      | Extension for reply within second month                                    |          |
| 1253 950      | 2253 475      | Extension for reply within third month                                     |          |
| 1254 1,480    | 2254 740      | Extension for reply within fourth month                                    |          |
| 1255 2,010    | 2255 1,005    | Extension for reply within fifth month                                     |          |
| 1401 330      | 2401 165      | Notice of Appeal   |          |
| 1402 330      | 2402 165      | Filing a brief in support of an appeal                                     |          |
| 1403 290      | 2403 145      | Request for oral hearing   |          |
| 1451 1,510    | 1451 1,510    | Petition to institute a public use proceeding                              |          |
| 1452 110      | 2452 55       | Petition to revive - unavoidable   |          |
| 1453 1,330    | 2453 665      | Petition to revive - unintentional   |          |
| 1501 1,330    | 2501 665      | Utility issue fee (or reissue)   |          |
| 1502 480      | 2502 240      | Design issue fee   |          |
| 1503 640      | 2503 320      | Plant issue fee  |          |
| 1460 130      | 1460 130      | Petitions to the Commissioner  |          |
| 1807 50       | 1807 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180      | 1806 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40       | 8021 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809 770      | 2809 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 770      | 2810 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770      | 2801 385      | Request for Continued Examination (RCE)                                    |          |
| 1802 900      | 1802 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

(Complete (if applicable))

Name (Print/Type)

Anthony J. Janiak

Registration No.  
(Attorney/Agent)

29,809

Telephone

(508) 482-2714

Signature

Date

March 10, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.22 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
(37 CFR § 1.10) No. EL 908622898US

TITLE OF INVENTION:

MASS SPECTROMETER

INVENTOR(S): Robert Harold Bateman and Jeff Brown

FILING DATE: HERewith

ASSIGNEE: Micromass UK Limited

APPLICATION NUMBER (if known): UNKNOWN

MAIL STOP- PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

I hereby certify that the correspondence identified in the transmittal below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 in an envelope addressed to: Mail Stop Patent Applications, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 10, 2004

  
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TRANSMITTAL LETTER

Enclosed for filing in the above identified patent case are the following documents:

Certificate of Mailing under 37 CFR § 1.10, Transmittal Letter, Utility Patent New Application Transmittal (2 pg.); Fee transmittal form for FY 2004 (1 pg), Title page (1 pg), Specifications (58 pgs), Claims 17 (pgs), Abstract (1 pg), Formal drawings (11 pgs) and Prepaid return postcard

March 10, 2004  
Reg. No. 29,809

  
\_\_\_\_\_  
Anthony J. Janiuk